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Columbia University Bulletin of Information

LIST OF THESES

SUBMITTED BY

CANDIDATES FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY

IN

COLUMBIA UNIVERSITY

1872-1910

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The reports of the President and members of the Trustees.

The Catalogue of the University, issued in December, 1905, 1910.

The Announcements of the several Colleges and Schools, and of the various Divisions, issued in the spring, and relating to the work of the next year. These are made as accurate as possible, on the information received, and are given in detail, so far as it is required, for the current number of any of these Announcements will be sent without charge, on application to the Secretary of the University.

LIST OF THESES SUBMITTED BY CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY IN COLUMBIA UNIVERSITY, 1872-1910.

This list comprises titles of dissertations submitted by candidates for the degree of Doctor of Philosophy in Columbia University. These number 654. Certain theses of which the library possesses no copy are indicated by asterisks preceding the titles.

Omissions that are reported will be included in a subsequent list, and the presentation of copies of theses not now in the library will be welcomed.

Copies of many of the theses are in stock, and may be obtained in exchange for works of a similar character upon application to the Librarian of the University.

This list was compiled by Alice L. Miller, reference librarian.

May 19, 1910.

1872

- 1 *Marsh, Charles Wells. Geology of water supplies and water analyses

1875

- 2 Waller, Elwyn. Disinfection and disinfectants. Cambridge, Riverside Press. 1874. O 13p.

Repr. from American Public Health Association of 1874

1876

- 3 *Iles, Malvern W. New tests in qualitative analysis.
New metallurgical processes.
- 4 Ricketts, Pierre De P. Notes on assaying, and assay schemes. New York Art Printing Establishment. 1876. O 172p. ill.

1877

- 5 Ihlseng, Magnus C. On a mode of determining the velocity of sound in wood. O 8p.
In American Journal of Science 1879, v. 17.
A new method of determining the modulus of elasticity of metals, wood etc.
- 6 *Munroe, Henry S. Yesso coals. Tokei. Published by the Kaitakushi. 1874. O 39p. tables.
Analysis of "The Calorific value of Western Lignites." Published in R. W. Raymond's article in The Engineering & Mining Journal. v. 15.

1878

- 7 *Love, Edward G. Economic geology and chemical technology of clay and clay wares.

1879

- 8 *Britton, Nathaniel L. The geology of Staten Island, the examination of American tellurium minerals.
 9 Church, John A. The Comstock lode, its formation and history. New York. John Wiley & Sons. 1879. F 4+1+226p. pl.
 10 *Irving, Roland D. The geology and mineralogy of central Wisconsin.
 11 *Newberry, Spencer B. Formation of coal.

1880

- 12 *Cushman, Alexander R. Phenols in their relations to sulphur and oxygen.
 13 *Davis, John Woodbridge. Problems in applied mathematics.
 14 *Drummond, Isaac W. Certain pigments.
 15 *Hasegawa, Yothinosuke. On the catalan of northern New York.
 16 *Matsui, Nawakichi. On the nature of the materials used in the manufacture of the arita porcelain of Japan.
 17 *Morewood, George B. The alleged poisonous properties of green wall paper.
 18 *Reed, Sylvanus A. The investigation of Professor Mayer's method of locating wave surfaces in media surrounding sounding bodies.
 19 *Tucker, John H. Sugar analysis.

1881

- 20 *Hutton, Frederick R. Machine tools.

1882

- 21 *Eliot, Walter G. The water supply of American cities and towns.
 22 *Wiechmann, Ferdinand G. Fusion structures in meteorites, the Baumé hydrometers.

1883

- 23 Bijur, Nathan. History of the charter of New York City, 1642-1857. Q 218p.
 Type-written manuscript.
 24 *Elliott, Arthur H. Geology and chemistry of building stones.
 25 *Hallock, Albert P. The recent improvements in gas making.
 26 Herzog, F. Benedict. The railroad transportation question, and the objections to specific legislation as a cure for railroad abuses (unfinished). New York, Gilliso. 1883. O 77p.
 27 *Nefel, J. W. Knight. On milling machinery.
 28 *Traphagen, Frank W. The chemical and physiological effects of fungi in general; the geological relation of the Cincinnati group.

- 29 **Williams, Stephen G.** Relation between the federal and cantonal governments in Switzerland. 1883. O 63p.

1884

- 30 ***Butler, Nicholas Murray.** A study in the history of logical doctrine.
 31 ***Munsell, Charles E.** Parallelism between the chemical compositions and the geological positions of the carbon minerals.
 32 ***Neymann, Percy.** The determination of conditions for the transformation of hydro carbons of the fatty series into those of the aromatic origin and condition of carbonaceous matter in bituminous shales.
 33 ***Porter, John B.** The iron ores of the region of southern Tennessee and the surrounding states.
 34 **Rambaut, Thomas D.** A sketch of the constitutional history of Canada. New York. F. & E. Greenebaum. O 60p.
 35 ***Share, William W.** Electrical measurements in connection with exciting fluids in batteries.

1885

- 36 **Bancroft, Frederic A.** A sketch of the negro in politics, especially in South Carolina and Mississippi. New York, J. F. Pearson. 1885. O 92p. bibliog.
 37 **Barrell, Harry F.** An outline of Anglo-Saxon law. New York. J. F. Pearson. 1885. O 84p. bibliog.
 38 **Bernheim, Abraham C.** The history of the law of aliens, from the standpoint of comparative jurisprudence. New York. J. F. Pearson. 1885. O 194p. bibliog.
 39 **Dunning, William Archibald.** The constitution of the United States in civil war and reconstruction. 1860-1867. New York. J. F. Pearson. O 131p. bibliog.
 40 ***Egbert, James C., Jr.** Pindar. 165p.
 Manuscript copy.
 41 **Satterlee, Herbert Livingston.** Political history of the province of New York. New York. Pearson. 1885. 107p. bibliog.
 42 ***Seligman, Edwin R. A.** Two chapters on the mediæval guilds of England.
 American Economic Association Publications, v. 2, no. 5
 43 ***Vulté, Hermann T.** A new aldehyde of carvacrol.
 Technology of the wood pulp process.

1886

- 44 **Bowen, John Eliot.** The conflict of the east and west in Egypt. New York. Independent Press. 1886. O 114p. bibliog.
 45 **Dodge, Daniel K.** The syntax of the subjunctive mood in the Egils saga. New York. 1886. O 74p.
 46 **Edgerton, Winifred H.** Multiple integrals. Q 84p.
 Manuscript copy.
 47 ***Pott, William H.** Modern ethics.
 48 **Spahr, Charles B.** The taxation of labor. New York. 1886. O 58p.

- 49 **Stilwell**, Samuel E. The catenary. New York. 1886. O 126p.
Manuscript copy.
- 50 **Walther**, Hugo J. Syntax of cases in Walther von der Vogelweide. 1886.
O 68p.
Manuscript copy.

1887

- 51 ***Clark**, Franklin S. The products of wood distillation.
The phosphates of South Carolina.

1888

- 52 **Cornwall**, Henry B. Manual of blowpipe analysis, qualitative and quantitative, with a complete system of determinative mineralogy. New York. Van Nostrand. 1882. 10+308p. ill. pl.
- 53 ***Fiske**, Thomas S. The theory of concomitants of algebraic form.
- 54 ***Leipziger**, Henry M. The philosophy of the new education.
- 55 ***Linehan**, Daniel F. A criticism of Kant's synthetic a priori judgments.
Manuscript copy.
- 56 ***McCrea**, Nelson G. The state, as conceived by Plato and Aristotle.
- 57 ***Northrup**, John I. The occurrence of aluminium and the manufacture of aluminium and its alloys.
- 58 **Wasson**, Edmund Atwill. The case uses in Anglo-Saxon. 1888. O 248p.
Manuscript copy.
- 59 **Weil**, Robert. Legal status of the Indian. New York. 1888. O 76p.

1889

- 60 **Black**, George A. History of municipal ownership of land on Manhattan Island, to the beginning of sales by the commissioners of the sinking fund in 1844. 1889. O 60p. 7 maps.
- 61 **Clarke**, Charles Washburn. A chapter of the Eastern question.
48p.
Manuscript copy.
- 62 **Earle**, Mortimer Lamson.
Original manuscript in Latin. Reprinted in part in English under the title "A Sikyonian Statue," in American Journal of Archaeology vol. 5, p. 292-303.
- 63 **Osgood**, Herbert Levi. Socialism and anarchism. Boston. Ginn. 1889.
O 71p.
Extract from Political Science Quarterly. 1886-89. v. 1-4.
- 64 ***Simonds**, Francis M. The occurrence and manufacture of aluminum, nickel and cobalt, and chlorination of gold ores.
- 65 **Taylor**, Washington Irving. Employers' liability to their workmen for accidents incurred in the course of their employment and state regulation of dangerous industries. New York. Vanden Houghton. 1888. O 125p.

1890

- 66 **Aitken**, William Benford. The Dominion of Canada; a study of annexation. New York. Van Sicien. 1888. O 106p. bibliog.
- 67 **Dean**, Bashford. Placoderm and armored catfish; a comparative study of their pineal fontanelle. 1890. Q 63p. 19pl. bibliog.
- 68 ***Dodge**, Frank D. Oil of citronella. Fluorescence.
- 69 **Frost**, Thomas Gold. French constitution of 1793. New York. Chasmar. 1888. O 46p.
- 70 **Herrick**, Frederick Morris. Attic law of status, family relations and succession, in the 4th century, B.C., systematically and comparatively considered. New York. Middleditch. 1890. O 73p.
- 71 ***Hollerith**, Herman. In connection with the electric tabulation system which has been adopted by U. S. government for the work of the census bureau.
- 72 **Humphreys**, Willard Cunningham. Government and education in the United States. New York. Chasmar. 1888. O 52p.
- 73 **Keasbey**, Lindley Miller. The early diplomatic history of the Nicaragua canal. Newark. Holbrook Printing Co. 1890. O 8+130p. map.
- 74 **Knapp**, Charles. De usu atque elocutione Auli Gellii. New York. 1890. Q 252p.
- 75 ***Merrill**, Frederick J. H. The origin of the serpentine in the vicinity of New York City.
- 76 ***Moses**, Alfred J. Methods of blow pipe analysis.
- 77 **Peters**, Thomas McC. A picture of town government in Massachusetts Bay Colony at the middle of the seventeenth century as illustrated by the town of Boston. New York. McWilliams Printing Co. O 74p. bibliog.
- 78 **Stanton**, Stephen. Behring Sea dispute. New York. King. O 5+58+3p.
- 79 **West**, Gerald Montgomery. Status of the negro in Virginia during the colonial period. New York. Jenkins. O 1+76p.

1891

- 80 **Fenton**, John Fieldhouse. Theory of the social compact and its influence upon the American Revolution. New York. 1891. O 77p.
- 81 **Goss**, John Dean. History of the tariff administration in the United States from colonial times to the McKinley administrative bill. New York. 1891. O 87p. (Studies in history, economics and public law. 1891. v. i., no. 2.)
- 82 **Lorenz**, Daniel Edward. The theology of Kant. 1891. Q 93p. Type-written manuscript.
- 83 **Margolis**, Max L. Commentarius Isaacidis-quateuus ad textum Talmudis investigandum adhiberi possit, tractatu erublim ostenditur. New York. Association Ginsberg. 1891. O 71p.
- 84 **Menken**, Percival S. Regulation of the liquor traffic. New York. 1891. O 77p. Manuscript copy.
- 85 **Willcox**, Walter Francis. The divorce problem; a study in statistics. New York. 1891. O 74+1p.

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1892

- 88 **Douglas**, Charles H. J. Financial history of Massachusetts from the organization of the Massachusetts Bay Colony to the American Revolution. New York. 1892. O 148+2p.
- 89 ***Illman**, Robert I. B. The Greek epistle of St. Paul to the Romans; an exposition with introduction and critical notes. New York. 1892. O 504p.
Manuscript copy.
- 90 **Joy**, Edmund Steele. Right of the territories to become states of the union. Newark. 1892. O 43+1p.

1893

- 91 **Bishop**, Cortlandt Field. History of elections in the American colonies. New York. 1893. O 5+297+1p.
- 92 **Blake**, Edwin Mortimer. Method of indeterminate coefficients and exponents applied to differential equations. New York. Drummond. 1893. O 41p.
- 93 **Bondy**, William. Separation of governmental powers. New York. Sabiston, Murray & Co. 1893. O 129p.
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- 96 **Hourwich**, Isaac A. The economics of the Russian village. New York. 1892. O 182+1p.
- 97 **Humason**, Thomas Arthur. The sperometer-caliper. 1892. O 18p. ill.
- 98 **Moldenke**, Alfred Bernard. Babylonian contract tablets in the Metropolitan Museum of Art. New York. 1893. O 6+2+70p.
- 99 **Odell**, George C. D. Simile and metaphor in the English and Scottish ballads. New York. 1892. O 107p.
- 100 **Ripley**, William Zebina. Financial history of Virginia 1609-1776. New York. Columbia University Press. 1893. O 170p. (Studies in history, economics and public law. v. 4, no. i.)
- 101 **Rosewater**, Victor. Special assessment, a study in municipal finance New York. 1893. O 153p.
- 102 **West**, Max. The inheritance tax. New York. Columbia University Press. 1908. 2d. ed. enl. O 249p. tab. (Studies in history, economic and public law. v. 4, no. 22.)

1894

- 103 **Baldwin**, Charles Sears. Inflections and syntax of the Morte d' Arthur. Boston. Ginn. 1894. Sq. O. 10+156p.
- 104 ***Banks**, John Henry. Investigation of the physical and chemical properties of copper and of some of its alloys.

- 105 **Breckenridge**, Roeliff Morton. Canadian banking system, 1817-1890. Toronto. 1894. O 363p. tab. bibliog.
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- 109 **Eckoff**, William Julius. Kant's inaugural dissertation of 1770; tr. into English, with an introduction and discussion by W. J. Eckoff. Denot. of Philosophy and education, Contributions. 1894. v. 1, (2 p., 101p).
- 110 ***Gosling**, Edward Bonaparte. Ozocerite.
- 111 **Griffing**, Harold. On sensations from pressure and impact, with special reference to the intensity, area and time of stimulation. New York. 1895. O 4+89p. ill.
- 112 **Hertz**, Joseph Herman. Ethical system of James Martineau. New York. 1894. O 85+1p.
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Repr. New York Academy of Sciences. Annals. v. 8.
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- 116 ***Lederle**, Ernst Joseph. Nitrates and nitrites; their detection and estimation, and their relation to plant life.
- 117 **Luquer**, Lea McIlvaine. The optical recognition and economic importance of the common minerals found in building stones. 52p.
Repr. from the School of Mines Quarterly. v. 15.
The relative effects of frost and the sulphate of soda tests no building stones. 22p.
Repr. from the American Society of Civil Engineers. Transactions. v. 33.
- 118 **McIlhiney**, Parker C. Investigation on certain methods of analysis of fats and resins. Easton Chemical Pub. Co. O 31p.
- 119 ***McKenna**, Charles Francis. The chemical & physical properties of bronzes.
- 120 **McLean**, James A. Essays in the financial history of Canada. New York. 1894. O 56p.
- 121 **Miller**, Edmund Howd. Succinimid. Easton Chem. Pub. Co. O 39p.
- 122 ***Pitkin**, Lucius. Atmospheric dust in its chemical and bacteriologica relations.
- 123 ***Rees**, John Krom. The determination by original investigation of the position constants of Columbia College observatory.
- 124 **Rogers**, James Dennison. Language of Aeschylus compared with the language of the Attic inscriptions prior to 456 B.C. New York. Putnam. 1894. O 6+58p.
- 125 **Struthers**, Joseph, Jr. On the study of slags from lead furnaces, with the object of producing liquation or crust effects.
Repr. from the School of Mines Quarterly, v. 16, no. 4, p. 356-76.

- 126 ***Vanderpoel**, Frank. The nitrogen compounds of cellulose. The deposit of infusorial earth near Drakesville, N. J.
- 127 **Wilde**, Norman. Friedrich Heinrich Jacobi; a study in the origin of German realism. New York. 1894. O 79p.
- 128 **Wood**, Frederick Augustus. History of taxation in Vermont. New York. Columbia University Press. 1894. O 128p. (Studies in history, economics and public law, v. 4, no. 3.)

1895

- 129 **Bayles**, George James. The office of Mayor in the United States. New York. 1895. O 74+1p.
- 130 **Brandt**, Francis Burke. Friedrich Edward Beneke. New York. 1895. O 169p.
- 131 **Bullova**, Ferdinand Ezra M. History of the theory of sovereignty. New York. W. R. Jenkins. 1895. D 81+1p.
- 132 **Cooper**, Frederic Taber. Word formation in the Roman sermo plebius. New York. Trow Directory Co. 1895. O 47+329+1p.
- 133 **Davis**, Herman Stearns. Parallax of *n Cassiopeiæ*, deduced from the Rutherford photographic measures. New York. 1895. O 25p. 5 tables. (Columbia University Observatory Contributions no. 6.)
Repr. from New York Academy of Sciences. Annals. v. 8.
- 134 **Dyar**, Harrison G. On certain bacteria from the air of New York City. O 59p. (Studies from the pathological laboratory of the College of Physicians and Surgeons. 1894-95. v. 4, no. 12.)
Repr. from New York Academy of Sciences. Annals. 1895. v. 8.
- 135 **Jacoby**, Harold. Sur la reduction des clichés astrophotographiques. Paris. Gauthier-Villars. 1896. Q 14p. tables.
Extract Institut de France, Academie des sciences, bulletin du Comité Internationale permanent pour l' execution photographique de la carte du ciel. v. 3, 1896.
- 136 **Matthew**, William Diller. Effusive and dyke rocks near St. John. N. B. (1895.) O 31p. 6pl. ill. (Contributions from Geological Dept. of Columbia College. v. 4, no. 30.)
Repr. New York Academy of Sciences. Transactions v. 14, 1894.
- 137 **Millikan**, Robert Andrews. On the polarization of light emitted from the surfaces of incandescent solids and liquids. New York. 1895. O 31p. ill.
Repr. New York Academy of Sciences. Transactions. May 18, 1895.
- 138 ***Pettit**, Mrs. Anna Stockton. Arachis hypogaea.
- 139 **Small**, John Kunkel. Monograph of the North American species of the Genus Polygonum. New York. 1895. Sq. F 183p. pl. Lancaster. New Era Printing Co. (Columbia University, Dept. of Botany, Memoirs v. 1., 1895.)
- 140 **Strong**, Oliver Smith. Cranial nerves of amphibia. Boston. Ginn and Co. 1895. O 130p. 6pl. bibliog. (Studies from the Biological Laboratory of Columbia College, Zoology, v. 1., no. 6.)
Repr. from the Journal of Morphology. v. 10, no. 1.
- 141 **Walker**, Francis. Double taxation in the United States. New York. 1895. O 134p.

1896

- 142 **Arnold**, William R. Ancient Babylonian temple records in Columbia University Library. New York. 1896. O 8+70+1p.
- 143 **Berg**, Joseph Frederic. The influence of the Septuagint upon the Psaltā Psalter. New York. Drugulin. 1895. O 5+2+160p.
- 144 **Chadsey**, Charles Ernest. The struggle between President Johnson and congress over reconstruction. New York. Columbia University Press. 1896. O 141p. (Studies in history, economics and public law, v. 8, no. 1.)
- 145 **Cushing**, Harry Alonzo. History of the transition from provincial to commonwealth government in Massachusetts. New York. 1896. O 281p. (Studies in history, economics and public law, v. 2, no. 1.)
- 146 **Emery**, Henry Crosby. Speculation on the stock and produce exchanges of the United States. New York. Columbia University Press. 1896. O 230p. (Studies in history, economics and public law, v. 2, no. 2.)
- 147 **Ling**, George Herbert. On the solution of a certain differential equation which presents itself in Laplace's kinetic theory of tides. New York. 1896. Sq. F 30p.
Repr. from *Annals of Mathematics*. v. 10, no. 4.
- 148 **Littlejohn**, J. Martin. The political theory of the schoolmen and Grotius. 1895. O 296p.
- 149 **Luqueer**, Frederic Ludlow. Hegel as educator. New York. 1896. O 185p. (Philosophy and education, Dept. of Contributions, v. 2, no. 1.)
- 150 **Mott**, Lewis Freeman. The System of courtly love, studied as an introduction to the Vita Nuova of Dante. Boston. Ginn. 1896. O 6+153p.
- 151 **Ries**, Heinrich. Monoclinic pyroxenes of New York State. O 55p. pl. (Columbia University, Dept. of Mineralogy, Contributions, v. 6, no. 6.)
Repr. from *New York Academy of Sciences, Annals*. 1896. v. 9.
- 152 **Shepherd**, William Robert. History of the proprietary government in Pennsylvania. New York. Columbia University Press. 1896. O 601p. (Studies in history, economics and public law v. 6.)
- 153 **Wilcox**, Delos F. Municipal government in Michigan and Ohio, a study in the relations of city and commonwealth. New York. 1896. O 181p.

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- 154 **Beatty**, Arthur. Brownings verse-form; its organic character. New York 1897. O 77p.
- 155 **Bernstein**, Ludwig. The order of words in old Norse prose. New York. Knickerbocker Press. 1897. O 8+62p.
- 156 **Crowell**, John Franklin. The logical process of social development; a theoretical foundation for educational policy from the standpoint of sociology. New York. Holt & Co. 1898. D 8+1+358p. ill.
- 157 **Emerick**, Charles Franklin. An analysis of agricultural discontent in the United States. New York. 1897. O 107p. ill.
Repr. from *Political Science Quarterly*. v. 11 and 12. 1897.

- 158 **Freund**, Ernst. The legal nature of corporations. New York. 1897
O 83p.
- 159 **Grout**, Abel Joel. Revision of the North American isotheciaceae and
brachythecia. O 79p.
Repr. Torrey Botanical Club, Memoirs. v. 6, no. 2.
- 160 **Hammond**, Matthew Brown. The cotton industry; an essay in American
economic history. Pt. 1. Ithaca. 1897. O 8+369+1p. pl. map.
1 tab.
- 161 **Maltbie**, Milo Roy. English local government of to-day; a study of the
relations of central and local government. New York. Columbia
University Press. 1897. O 296p. (Studies in history, economics
and public law. v. 9, no. 1.)
- 162 **Noble**, Frank Henry. Taxation in Iowa; historical sketch, present status
and suggested reforms. St. Louis. Nixon Jones. 1897. O 121+
2p.
- 163 **Schneider**, Albert. Text-book of general lichenology. Binghamton.
Clute. 1897. O 17+230p. pl.
- 164 **Sherman**, Henry Clapp. The insoluble carbohydrates of wheat (triticum
vulgare). Easton. Chem. Pub. Co. 1897. O 34p.
- 165 **Stark**, Francis Raymond. Abolition of privateering and the Declaration
of Paris. New York. 1897. O 165p.
- 166 **Tufts**, Frank L. The new flicker photometry. New York. O 23p.
Repr. from the New York Academy of Sciences, Transactions. v. 16, 1897.
- 167 **Tyler**, Ansel A. The nature and origin of stipules. New York. 1897.
O 49p. pl. (Herbarium Contributions, v. 5, no. 119.)
Repr. from New York Academy of Sciences, Annals. v. 10.
- 168 **Ufford**, Walter Shepard. Fresh air charity in the United States. New
York. 1897. O 3+114+1p.
- 169 **Webster**, William Clarence. Recent centralizing tendencies in state
educational administration. New York. 1897. O 78+1p.

1898

- 170 **Calkins**, Gary Nathan. Mitosis in *Noctiluca Miliaris*. Privately printed.
1898. O 59p. 3pl. bibliog.
Repr. from the Journal of Morphology. v. 15.
- 171 **Cole**, Lawrence Thomas. The basis of early Christian theism. New
York. 1898. O 61p.
- 172 **Crook**, James Walter. German wage theories. New York. 1898. O
116p.
- 173 **Engle**, Wilbur Dwight. The action of potassium thiocyanate on the
chlorhydrins. Easton. Chemical Pub. Co. 1898. O 28p.
- 174 **Fairlie**, John Archibald. Centralization of administration in New York
State. New York. 1898. O 210p.
- 175 **Grieve**, Lucia Catherine Graeme. Death and burial in Attic tragedy.
Pt. 1. New York. 1898. O 81+1p
- 176 **Hall**, Frederick Smith. Sympathetic strikes and sympathetic lockouts.
New York. Columbia University Press. 1899. O 120p. (Studies
in history, economics and public law. v. 1, no. 1).
- 177 **Howe**, Marshall Avery. Hepaticæ and anthoceroles of California. Lan-
caster. New Era Print. Co. 1899. O 208p. pl. bibliog.

- 178 **Jones**, Adam Leroy. Early American philosophers. New York. 1898. O 81p.
- 179 **Lay**, Wilfrid. Mental imagery, experimentally and subjectively considered. New York. 1898. O 3+59p.
- 180 **Mac Vannel**, John Angus. Hegel's doctrine of the will. New York. 1896. O 103p.
- 181 **Mathews**, Albert Prescott. The physiology in secretion. Lancaster. New Era Print. Co. 1898. O 80p. bibliog.
Repr. New York Academy of Sciences, Annals. v. 11, no. 14.
- 182 **Mathews**, John Alexander. The action of nitrils upon aromatic acids. Easton. Chem. Pub. Co. 1898. O 35p.
- 183 **Radau**, Hugo. Early Babylonian history down to the end of the fourth dynasty of Ur, to which is appended an account of the E. A. Hoffman collection of Babylonian tablets in the general theological seminary, New York. Oxford University Press. 1899. O 90p. tab.
- 184 **Rydberg**, Per Axel E. Monograph of the North American potentillaec. Lancaster. New Era Printing Co. 1898. Sq. F. 4+223p. pl.
- 185 **Schlesinger**, Frank. The Praesepe group; measurement and reduction of the Rutherford photographs. New York. 1898. O 101p. tables. Columbia University Observatory, Contributions, no. 15.
Repr. New York Academy of Sciences Annals. v. 10.
- 186 **Tamblyn**, William Ferguson. The establishment of Roman power in Great Britain. Hamilton. McPherson & Drope. 1899. O 105p.
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- 189 **Whiton**, Helen Isabel. The co-ordinate and sub-ordinate conjunctions in Chaucer's *Troilus and Criseyde*; with a comparison of the *Romaunt of the Rose*. New York. Knickerbocker Press. 1898. O 8+97p.
- 190 **Whitten**, Robert Harvey. Public administration in Massachusetts; the relation of central to local activity. New York. 1898. O 169p.

1899

- 191 **Bates**, Frank Greene. Rhode Island and the formation of the Union. New York. 1898. O 220+1p.
- 192 **Breese**, Burtis Burr. On inhibition. Lancaster. New Era Print. Co. 1899. O 3+65+1p. ill.
- 193 **Burgess**, Edward Sandford. Species and variations of Biotian asters with discussion of variability in aster. New York. Torrey Botanical Club. 1906. O 15+419p. 13pl. ill. (Torrey Botanical Club studies in the history and variations of asters. v. 2.)
- 194 **Burke**, William Maxwell. History and functions of the central labor unions. New York. Columbia University Press. 1899. O 127p.
- 195 **Chandler**, Frank Wadleigh. Romances of roguery. Pt. 1. New York. Columbia University Press. 1899. (Studies in literature, v. 2)
- 196 **Crampton** Henry Edward, Jr. Studies upon the early history of the ascidian egg. Boston. Ginn. 1899. O 26p. 1pl. bibliog.
Repr. Journal of Morphology, Supplement to v. 15.

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